Summary of Less Efficient Control Options Not Proposed as BACT

Unit	Pollutant	BACT option	BACT limit	Rejected option	Rejected limit
Process heaters	NO_X	Low-NO_X burners and SCR	0.006 lb/MMBtu	Low-NO_X burners	0.05 lb/MMBtu
Process heaters	SO_2	Fuel gas cleanup by chemical absorption	0.0046 lb/MMBtu	Flue gas desulfurization	0.008 lb/MMBtu
SRU	SO_2 & H_2S	TGTU and thermal oxidizer	99.97% efficient	Wet scrubber	99.94% efficient
Sulfur tanks	H_2S	SRU	99.97% efficient	Thermal oxidizer	99.9% efficient
Cooling towers	PM & PM-10	Drift eliminators	0.0005% drift	No drift eliminators	0.02% drift
Loading racks	VOC	Vacuum-regenerated carbon adsorption	1.25 lb/MMgal	Condensation	83 lb/MMgal
WWTP	VOC	Wastewater stripper, closed-vent system, and catalytic oxidizer	5.3 lb/hr	Closed-vent system, and catalytic oxidizer	36.1 lb/hr
WWTP	NO_X	SCR	5.0 lb/hr	No SCR	30.0 lb/hr
IGCC combustion turbines	NO_X	SCR	3.0 ppmv	No SCR	15.0 ppmv
IGCC combustion turbines	CO	Oxidation catalyst	3.0 ppmv	No oxidation catalyst	25.0 ppmv
IGCC combustion turbines	SO_2	Rectisol	1.0 ppmv in fuel	Amine / Selexol	40 ppmv in fuel / 10 ppmv in fuel